

**Notice of Allowability**

Application No.

09/693,673

Applicant(s)

SAULPAUGH ET AL

Examiner

Joseph R. Maniwang

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/10/05.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☒ The drawings filed on 26 October 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 04/29/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

MARC D. THOMPSON  
**MARC THOMPSON**  
PRIMARY EXAMINER

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statement (IDS) submitted on 04/29/05 was in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement was considered by the Examiner.

### ***Allowable Subject Matter***

2. Claims 1-16 were previously allowed. A corresponding reasons for allowance not included in this action can be found in a prior Office action.
3. Claims 17-24 are allowed.
4. The following is an examiner's statement of reasons for allowance:
5. The provision for a first message gate referencing a message transport to send first messages to a first destination address, wherein said first messages are formatted in a data representation language; a second message gate referencing said message transport to send second messages to a second destination address, wherein said second messages are formatted in a data representation language; and said message transport implementing a transport protocol for sending said first and second messages to said first and second destination address respectively; wherein said first and second message gates independently share said message transport for sending messages to said first and second destination addresses respectively is not fairly taught or suggested by the prior art of record. Examiner finds particular novelty in the claimed message

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gate, which is defined in the Specification, p. 30, line 25 through p. 32, line 18, as an interface comprising code generated based on a description (e.g., an XML schema) for accessing a target entity (e.g., a client). Additionally, sending messages to specific destination addresses formatted in a data representation language, such as XML, between such message gates using a message transport implementing a transport protocol was found to be a novel aspect of the claimed invention. Support for this functionality can be found in the Specification, p. 44, line 23 through p. 27, line 3 and Fig. 47 and 48.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Response to Arguments***

7. Applicant's arguments filed 06/10/05 with respect to claims 17-24 have been fully considered and are persuasive. Examiner acknowledges and accepts the amendments to the claims in overcoming previous rejections under 35 U.S.C. 101. The rejection of claims 17-24 under 35 U.S.C. 101 has been withdrawn.

### ***Conclusion***

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph R. Maniwang whose telephone number is (571) 272-3928. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JM

MARC D. THOMPSON  
MARC THOMPSON  
PRIMARY EXAMINER